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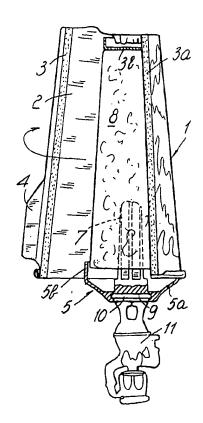
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#### (57) Abstract

A support for ice-creams, yogurts, ice-lollies and the like, packaged by freezing within a wrapper made of paper-like material which is substantially shaped like a truncated cone, is open only at its larger end and is removable by tearing or the like. characterized in that it comprises a body sized so as to constitute a plug for closing the larger end of said wrapper, a tab being rigidly anchored centrally to said body and being meant to be immersed in a product contained in the wrapper, the diameter of said body being larger than the diameter of the larger end of the wrapper so as to collect any drops of product contained within the wrapper produced during the removal of said wrapper and during the consumption of the product.



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SUPPORT SHAPED LIKE A DOME OR THE LIKE FOR ICE-CREAMS,

YOGURTS, ICE-LOLLIES AND SIMILAR PRODUCTS PACKAGED IN

WRAPPERS WHICH ARE REMOVABLE AT CONSUMPTION TIME

#### Technical field

The present invention relates to a support shaped like a dome or a tray with a handle, for supporting ice-creams, ice-lollies, yogurts and the like packaged by freezing in conventional wrappers which are substantially shaped like a truncated cone and are removable when the product is to be consumed.

#### Background art

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It is well-known that ice-creams, ice-lollies and similar industrially-produced items are packaged by freezing in food-safe paper wrappers which are usually shaped like flattened truncated cones or truncated pyramids or are shaped like cups of various sizes.

It is also known that wrappers shaped like truncated cones or truncated pyramids are usually provided with a stick or tab which is partially inserted in the product through the larger end of the wrapper and have a portion which protrudes outside and is meant to constitute, after freezing, a means for providing support in a substantially vertical position during the removal of the paper-like wrapper from the solidified ice-cream and during its consumption.

In practice, current packages entail unpleasant drawbacks both during removal of the wrapper and during consumption which are of course caused by the fact that the supporting means is constituted only by the portion of stick or tab that protrudes from the package and is held by

one hand. These drawbacks are in fact constituted by frequent damage to the solidified body of the ice-cream during removal of the protective wrapper, which usually occurs by tearing, and by even more frequent dripping produced by the slow melting which the ice-cream is subject to during the time required for its complete consumption.

In order to at least partially obviate these drawbacks and particularly the dripping of the product, frustum-shaped packages have been provided which have, at the smaller end of the wrapper, an initial collapsible portion starting from which successive squeezing produces the gradual sliding of the gelled body of the ice-cream toward the larger end of the wrapper, until part of the ice-cream protrudes from the top of said wrapper; through successive squeezing of the wrapper the user can thus eat all of the ice-cream.

Even this solution, however, does not avoid the drawback of the dripping of the product onto the hand of the consumer or in any case outside the wrapper and most of all does not allow truly full consumption of the product.

### Disclosure of the Invention

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The aim of the present invention is to provide a support for ice-creams and the like packaged within paper-like wrappers of the food-safe type having a substantially frustum-like shape, conceived and structured so as to allow, in addition to reliable support of the gelled body during consumption, to constitute an advantageous means for collecting any drops of product.

Another object of the invention is to provide a support for ice-creams and the like packaged in paper-like

wrappers provided with grip and supporting means which are detachably anchored to the body of the support, structured and sized so as to constitute a toy, a puppet or other object which can be removed and used to constitute, together with others, a collection which appeals particularly to children.

Another object of the invention is to provide a dripcollecting support which is easy to manufacture, is lightweight and is safely reliable in terms of rigidity and practicality in use.

This aim, these objects and others which will become apparent from the following detailed description are achieved by a support for ice-creams, ice-lollies, yogurts and the like as defined in the appended claims.

# Brief description of the drawings

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Further characteristics and advantages of the present invention will become apparent from the following detailed description, illustrated in the accompanying drawings, given only by way of non-limitative example and wherein:

Figure 1 is a perspective view of a conventional frustum-shaped paper-like wrapper which is filled with ice-cream or the like in the creamy state and of a drip collecting support which is executed according to the invention and shown separate from the wrapper;

Figure 2 is a perspective view of the support according to the invention, stably anchored in the inlet of the wrapper, ready for freezing;

Figure 3 is a partially sectional lateral view of the same assembly shown in Figure 2 but in an inverted position and during the tearing or removal of the wrapper of the

solidified ice-cream body;

Figure 4 is a partially sectional lateral view of the same assembly shown in Figure 2 but without the wrapper and during consumption;

Figure 5 is a view of the support according to the invention, separated from the wrapper and from the handle; and

Figure 6 is a partially sectional enlarged-scale view of the detail of the coupling of a puppet or statuette to the tab supporting coupling.

### Ways of carrying out the Invention

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With reference to the above figures, the support for ice-creams and the like according to the present invention is made of food-safe plastic material and is designed in particular to support ice-creams packaged within a conical 15 wrapper 1 which is made of paper-like material and is closed by a bottom 3b of the type that is removable by separating a longitudinal flap 2 thereof along a continuous pasting line 3-3a which affects the generatrix of the conical body of the wrapper 1, as clearly shown in Figure 3. Removal is facilitated by an external tab 4 which is normally pulled around the wrapper once the ice-cream has frozen and is kept in a vertical position, as shown in Figure 3 and as will become apparent hereinafter.

The support for ice-creams is constituted, according to the present invention, by a dome-shaped or tray-shaped body 5 made of plastics or the like having a cambered bottom body 5a and a slightly conical circular peripheral rim 5b, i.e., a rim whose taper is substantially equal to the inlet taper 6 (Figure 1) of the wrapper 1.

A rigid tab 7 is anchored in a central position to a bottom body 5a of the dome 5 and is meant to be immersed in a creamy ice-cream 8 (Figure 1) when the tray or dome 5 is inserted, like a plug, into a mouth 6 of the wrapper and stopped when its internal bottom 5a makes contact with the ice-cream 8, as will become apparent hereinafter. A circular seat 9 is formed in the body of the dome 5a (Figures 5 and 6); a peripheral rim 9a of said seat 9 has a smaller diameter than the seat itself, and constitutes an undercut element which allows a disk 10, which supports a handle constituted for example by a statuette or puppet 11, to be detachably anchored in a snap-on manner within the seat 9. The detachable anchoring allows, by utilizing the elasticity of the plastic material, to remove the handle, which can thus have an independent role with respect to the tray 5. In this case, the handle can be constituted by objects which are capable of inviting children, in particular, to collect various objects.

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In practice, the dome-like support 5 and the corresponding tab 4 are used as follows.

After filling the wrapper 1, which is closed as shown in Figure 1, with ice-cream 8 or with another product in the soft or creamy state, the support with the corresponding handle is inserted in the inlet 6 of the wrapper so as to insert the tab 7 in the ice-cream and make the bottom 5a of the tray adhere to the internal surface of said ice-cream. The insertion of the tray in the wrapper 1 allows its peripheral conical rim 5b to adhere to the conical wall of the rim 6 of the wrapper, thus forming the seal. The assembly constituted by the support inserted in

the wrapper 1 and by the tab 7 immersed in the mass of icecream is then frozen, so that the tab 7 remains stably anchored to the hardened mass (Figure 2).

At consumption time it is sufficient to remove the wrapper 1, preferably by keeping it inverted, i.e., with the support downward as shown by Figure 2, and acting on the external tab 4 so as to separate the flap 2 from the pasting region 3 and then remove the entire wrapper without breaking or tearing it.

The ice-cream, after removing the wrapper, has the appearance shown in Figure 4 and can therefore be eaten even slowly, since any drops 12, which are practically inevitable, collect in the underlying tray 5.

After eating, the buyer-consumer can remove the handle
11 from the dome and use it separately if deemed necessary.

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The present invention allows to achieve the intended aim and objects, i.e., assured stability of the body of the ice-cream during eating, collection of any drops, and separate use of the handle when said handle is of interest to the consumer.

Finally, it is evident that the above-described invention is susceptible of variations as to the type and dimensions of the support in relation to the dimensions of the wrapper, as to the colors of the wrapper and of the support and as to the type of shape, size and colors of the handle without abandoning the scope of the present invention.

#### CLAIMS

- 1. A support for ice-creams, yogurts, ice-lollies and the like, packaged by freezing within a wrapper made of paper-like material which is substantially shaped like a truncated cone, is open only at its larger end and is removable by tearing or the like, characterized in that it comprises a body sized so as to constitute a plug for closing the larger end of said wrapper, a tab being rigidly anchored centrally to said body and being meant to be immersed in a product contained in the wrapper, the diameter of said body being larger than the diameter of the larger end of the wrapper so as to collect any drops of 11 product contained within the wrapper produced during the removal of said wrapper and during the consumption of the product. 14
- 2. The support of claim 1, characterized in that a cavity is provided centrally to an outer face of said body and has a peripheral insertion rim forming an undercut and adapted to accommodate a disk-like body which supports handle means.
- 3. The support of claim 1, characterized in that said body is shaped like a circular dome with an annular peripheral rim shaped like a truncated cone.
- 4. The support for ice-creams according to claim 2, characterized in that said cavity formed on the outer face of said dome is circular, with an upper peripheral rim whose diameter is smaller than the diameter of said cavity and which allows the detachable snap-on engagement of handle means having various shapes and dimensions.

- 5. The support for ice-creams according to claim 1,
- 2 characterized in that said handle means has, in a downward
- 3 region, a pedestal shaped like a disk or the like whose
- 4 dimensions are such that it can be stably inserted with a
- 5 snap action in said cavity formed outside said dome and
- 6 then be removed from said dome if required.
- 6. The support for ice-creams according to claim 1,
- 2 characterized in that said handle means are constituted by
- 3 shaped and/or stylized objects shaped like statuettes,
- 4 puppets or other elongated objects.

